

# Beauty Secrets

## Epifanes Poly-urethane

In a market full of competing two-component paint systems, one clearly outshines the competition: Epifanes Poly-urethane.

Epifanes is the premier two-component topside finish: simpler, easier to apply, with a wider color range, superior gloss retention, better hiding power, and unmatched durability.

While most competitive brands' two-component finishes can only be sprayed, Epifanes Poly-urethane may be applied by brush, roller, or spray. The system is simple, with one reducer for brushing or rolling, and another for spraying. With longer wet edge times and outstanding flow characteristics, Epifanes Poly-urethane is simply easier to use and the results are clearly superior.

Epifanes Poly-urethane is suitable for interior and exterior use, above the waterline, on fiberglass, steel, aluminum, and dimensionally stable wood substrates. It should be applied in conjunction with primers appropriate to the substrate, or directly onto well-degreased and sanded fiberglass.

Colors! Nobody does color like Epifanes. In addition to the 24 vibrant standard colors, Epifanes Poly-urethane can be custom-mixed from a dazzling palette of 450 colors, which includes Epifanes Yacht Enamel and Mono-urethane colors, competitors' colors, and RAL Classic selections.

For more information on Epifanes Poly-urethane, contact Epifanes toll-free at 1-800-269-0961. Or email [sales@epifanes.com](mailto:sales@epifanes.com)



Available at [www.SMSDistributors.com](http://www.SMSDistributors.com)



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# Epifanes Poly-urethane Yacht Coating

A very hard two-component topcoat



<b>Type</b>	Chemical drying			
<b>Base</b>	Polyester saturated, aliphatic urethane			
<b>Properties</b>	A high gloss, two-component yacht paint with excellent outdoor durability and weather resistance. Superior scratch resistance and gloss retention. Provides a perfect flow and easy application by brush, roller, or spray.			
<b>Field of application</b>	Fiberglass - Steel - Wood - Aluminum. Suited for topcoating two-component primer systems above the waterline. Also suited for epoxy resin treated surfaces. Can be applied directly on thoroughly degreased and sanded fiberglass. Intermediate coat on epoxy resins or epoxy paints prior to the application of traditional one-component paints.			
<b>Color</b>	24 standard colors according to Epifanes color fan. 450 custom made colors available in high gloss and satin.			
<b>Gloss</b>	Extreme high gloss			
<b>Density</b>	.0397 – .0469 lb/in <sup>3</sup>			
<b>Viscosity</b>	40 seconds ISO-cup 4 mm			
<b>Solids</b>	Contents 45 – 50 ± 2 vol %			
<b>VOC-level mixed product</b>	395 gram/liter			
<b>Mixing ratio by weight</b>	2 parts base component A: 1 part curing component B			
<b>Induction time at 68° F/20°C/65% RH</b>	10-15 minutes			
<b>Potlife after mixing</b>	<table border="1"> <tr> <td><b>at 53°F/12°C</b> 4 – 6 hours</td> <td><b>at 68°F/20°C</b> 3 – 4 hours</td> <td><b>at 86°F/30°C</b> 2 – 3 hours</td> </tr> </table>	<b>at 53°F/12°C</b> 4 – 6 hours	<b>at 68°F/20°C</b> 3 – 4 hours	<b>at 86°F/30°C</b> 2 – 3 hours
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<b>Shelf life unmixed</b>	In closed container stored in a dark location between 41 – 77°F/5 – 25°C approx. 2 years			
<b>Conditions during application and drying</b>	Temperature minimum 53°F/12°C – maximum 82°F/28°C Relative air humidity minimum 50% – maximum 75%			
<b>Brush/roller thinner</b>	Epifanes Poly-urethane Brushthinner			
<b>Spray thinner</b>	Epifanes Poly-urethane Spraythinner			
<b>Recommended film thickness /coat</b>	2.4 – 3.2 mil wet film thickness = 1.2 – 1.6 mil dry film thickness. For long-term outdoor durability and gloss retention, a total of 4 – 4.8 mil dry film thickness should be applied. This equals 3 coats (4 coats if applied by roller).			

**Application recommendations**

Distribute the paint by roller and brush out to a smooth paint film with a soft, natural bristle brush of good quality. Do not over brush. Do not apply wet-on-wet. Do not apply excessive wet film to avoid the formation of curtains and drying problems. Avoid applying in direct sunlight or too much wind. A rapid loss of solvents will occur under these conditions and decrease the flowing ability.



# Epifanes Poly-urethane Yacht Coating

**Theoretical coverage** 100 sq. feet @ 1.4 mil dry film thickness per 750 gr

**Practical coverage** Dependent on condition of substrate, loss of material due to factors such as application technique, shape of object, and circumstances during application.

**Application details**

	Air spray	Brush/Roller
Thinning volume	10%	0 – 5%
Nozzle	1.4 – 1.8 mm	
Pressure	3	
Viscosity DIN-cup 4 mm	20 – 22 sec	

**Application remarks** Airless spray not advised. Pressure feed container: Pot life will be shortened due to temperature increase in the container.

**Drying times @ 68° F/20° C/65% RAH and 1.4 mil dry film thickness**

Dustdry	Sandable	Recoatable	Through hardened
2 hours	24 hours	24 hours	7 days

**Intercoat sanding** If subsequent coat is applied within 24 to 48 hours, intercoat sanding is not necessary. If recoated after 48 hours, sand with 400 wet or dry sandpaper.

**One-component recoatability**

After 24 hours and sanding with 220 wet or dry sandpaper.  
 Epifanes Mono-urethane Yacht Paint – Epifanes Yacht Enamel  
 Epifanes Nautiforte Yacht Paint – Epifanes Nonskid Deckcoating

**Substrate conditions**

Intact well adhering cleaned, degreased, and sanded two-component paint or primer systems.

**Recommended primers**

Fiberglass	Steel	Wood	Aluminum
Epifanes Poly-urethane Primer	Epifanes Epoxy Primer	Epifanes Epoxy Primer	Epifanes Epoxy Primer
1-2 coats	3 coats	1-2 coats	1-2 coats

**Remarks regarding primer systems** Sand every primer coat with 220 dry. On new aluminum, first apply one thin coat Epifanes Washprimer AQ.

**Safety**

The user of this product should obey all national laws and legislation concerning health, safety, and environmental hazard. For more information on health and safety, refer to the Material Safety Data Sheet of this product.

Although the facts and suggestions in this product information sheet are based on our own research and field experiences and are believed reliable, we cannot simply be held responsible for performance or results obtained through the use of this product. Ineffectiveness or other unintended consequences may result, because of such factors as weather conditions, presence or other materials or the manner of preparation, use or application all of which are beyond W. Heeren & Zoon's control. All such risks are assumed by user.

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